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PROCEEDINGS OF SCIENTIFIC SOCIETIES.

Proceedings of the Botanical Club, of the Forty-second Meeting of the A. A. A. S., Madison, Wisconsin, August 16-22, 1893.—(Condensed from the Secretary's notes.)—Friday, Aug. 18.—The president and secretary being absent, the club was called to order by the vice-president, Professor W. A. Kellerman, and on motion W. T. Swingle was elected Secretary.

The committee on Nomenclature, continued from the last meeting, made the following report:

"To the Botanical Club of the A. A. A. S.: Your committee appointed at the Rochester meeting to prepare a check list of the flowering and fern plants of northeastern North America on the rules of nomenclature adopted by the club at that meeting would respectfully report:

"That the task assigned the committee has been performed, and the manuscript of the list is herewith presented, nearly complete for printing.

"The committee presents the following recommendations:

"1. The amendment of section III of the Rochester code of nomenclature by striking out all after the word 'retained.'

"This recommendation is based on the mature judgment of the committee after watching for a year the progress of the demand for a rule which shall permit no exception whatever, and effect the closest approximation to the immutability of the specific name.

"2. The publication of the check list for the club by the committee and the continuance of the committee for that purpose.

"3. That the form and the time of publication be referred to the committee with power to act.

"4. That the general sequence of the natural orders as taken up in Engler and Prantl's "*Natürlichen Pflanzenfamilien*" be adopted.

"5. That in determining the name of a genus or species to which two or more names have been given by an author in the same volume or on the same page of a volume, priority of place shall decide.

"6. That in the elevation of a plant originally described as a variety to a species, or the reduction of a described species to a variety, the original name shall in all cases be retained."

On motion the recommendations were taken up in order for discussion and action. The first recommendation was adopted after some

discussion. On motion the consideration of the second recommendation was postponed until after the others were disposed of.

On motion the third recommendation was also postponed.

On motion the fourth recommendation was adopted unanimously.

On motion the fifth recommendation was amended to read "That in determining the name of a genus or species to which two or more names have been given by an author in the same volume or on the same page of a volume, precedence shall decide. On motion it was adopted as amended.

The sixth recommendation was discussed some time but was not brought to a vote before the club adjourned until Monday.

Monday, Aug. 21.—On motion the chair was authorized to appoint a committee of two to nominate officers for the next meeting. Prof. A. S. Hitchcock and Dr. Erwin F. Smith were placed on this committee.

On motion the remaining portions of the report of the committee on nomenclature were referred back to the committee with instructions to report Tuesday morning.

The report of the treasurer was then read, showing a deficit of \$6.16. This deficit was liquidated by voluntary contributions.

The following papers were read:

Mrs. E. G. Britton, "The genus *Bruchia* in North America, with description of one new species." Mrs. E. G. Britton, "The necessity of seeing types." Prof. A. S. Hitchcock, "*Ampelopsis quinquefolia* var. *vitacea* Knerr." Dr. J. C. Arthur, "Exhibition of a centrifugal machine." The instrument is a new one devised by the author, costing much less than those made in Germany. Mr. T. C. McDougal, "Intertwining of tendrils." Mrs. E. G. Britton, "Jaeger's *Adumbratio*, and herbarium of mosses." The whole moss herbarium of Jaeger on which the *Adumbratio* was founded has come into the possession of Columbia College. Dr. W. A. Kellerman, "Notes on the exploration of the flora of Ohio." Prof. A. S. Hitchcock, "Pollination of *Oenothera missouriensis* and *Pentstemon cobaea*."

Dr. D. H. Campbell, "Prothallial stage of *Ophioglossaceae*." Records finding during the present year what are with little question the prothallia of *Botrychium*. Dr. Erwin F. Smith, "The increasing prevalence of a root disease of stone fruits." Dr. C. E. Bessey, "The use of personal names in designating species." Objects to the abuse of this practice by botanists.

Tuesday, Aug. 22.—The following were elected officers for the next meeting:

President, Dr. D. H. Campbell, Leland Stanford Jr. University, Palo Alto, California; vice-president, Professor D. C. Eaton, Yale College, New Haven, Conn.; secretary-treasurer, W. T. Swingle, U. S. Sub-tropical Laboratory, Eustis, Florida.

The committee on nomenclature then reported that they had reconsidered all the remaining portions of the report which had been referred back to them, and were unable to bring in any other recommendations. On motion these remaining portions of the report were referred to the committee with power to act, and the committee was continued.

The committee appointed at the Rochester meeting to consider the feasibility of establishing an American Botanical Society presented a majority report adverse to forming such an organization at the present time and place. Prof. C. R. Barnes then presented a minority report favoring the project, and outlined a plan of organization, providing for a committee of twenty-five to constitute the charter members.

On motion the minority report was adopted by a vote of 21 to 10.

The committee of twenty-five is as follows: J. C. Arthur, Lafayette, Ind.; G. F. Atkinson, Ithaca, N. Y.; L. H. Bailey, Ithaca, N. Y.; C. R. Barnes, Madison, Wis.; C. E. Bessey, Lincoln, Nebr.; Mrs. E. C. Britton, New York, N. Y.; N. L. Britton, New York, N. Y.; D. H. Campbell, Palo Alto, Cal.; J. M. Coulter, Lake Forest, Ill.; F. V. Coville, Washington, D. C.; D. C. Eaton, New Haven, Conn.; W. G. Farlow, Cambridge, Mass.; E. L. Greene, Berkeley, Cal.; B. D. Halsted, New Brunswick, N. J.; Arthur Hollick, New York, N. Y.; Conway Macmillan, Minneapolis, Minn.; B. L. Robinson, Cambridge, Mass.; C. S. Sargent, Brookline, Mass.; F. L. Scribner, Knoxville, Tenn.; J. D. Smith, New York, N. Y.; Roland Thaxter, Cambridge, Mass.; Wm. Trelease, St. Louis, Mo.; L. M. Underwood, Greencastle, Ind.; L. F. Ward, Washington, D. C.; W. P. Wilson, Philadelphia, Pa. The reading of papers was then resumed as follows:

Dr. J. C. Arthur, "A self-registering auxanometer." A relatively inexpensive instrument devised by the author. Dr. B. D. Halsted, "A new *Exobasidium* on *Andromeda*." Dr. B. D. Halsted, "Phyllosticta following insect work." Dr. B. D. Halsted, "A white-smut new to America." Dr. B. D. Halsted, "A water-loving Ascomycete." Mr. W. T. Swingle, "A new palm from Florida." Mr. W. T. Swingle, "The southernmost botanical laboratory in the United States." Giving a short account of the Sub-tropical Laboratory of the Division of Vegetable Pathology, lately established at Eustis, Florida, by the U. S. Department of Agriculture. A. B. Seymour, "Synonymy of *Valsa*

stellulata and its allies." A. B. Seymour, "A key to species of *Cladonia*." Mr. Seymour exhibited this key, the work of F. L. Sargent. S. A. Beach, "Some observations on black-knot."

For want of time the following papers were read by title: L. H. Bailey, "Sand-Dune weeds." W. W. Rowlee, "The propagation of *Ranunculus delphinifolius* by runners." E. J. Durand, "Some notes on the germination of the spores of *Enteridium rozeanum*." C. V. Riley, "Herbarium entomology." C. V. Riley, "Yucca pollination." B. T. Galloway, "Notes on 'hexenbesen' of *Rubus*." B. T. Galloway, "Some methods employed in the investigation of parasitic fungi and other organisms."

Upon motion two members were added to the committee on nomenclature. Dr. Wm. Trelease, and Dr. E. L. Greene were named.

The club then adjourned until the next meeting of the A. A. A. S.
—CHARLES E. BESSEY.